Census Bureau Economic Programs: An Overview

2016 Montana Data User Conference September 14 & 15, 2016

> Presented by: Andrew W. Hait U.S. Census Bureau

Outline

- Census Economic Programs Primer
 - Key Terms
 - Programs Overview
- The 2012 Economic Census and Related Programs
- Key Census Data Tools

Econ Programs Primer

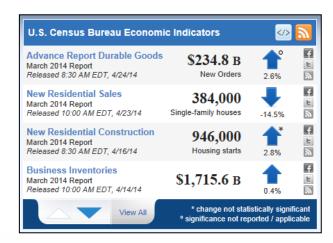
Key Economic Census Terms

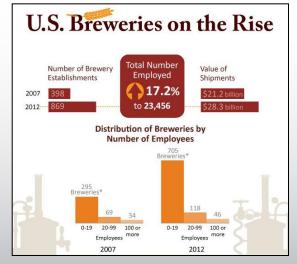
- NAICS (North American Industry Classification System)
 - Our primary data dimension
- Establishments (vs. Companies, Firms, etc.)
 - Our collection/tabulation level
- Employers (vs. Nonemployers)
 - EC only covers employer businesses
- U.S. Code Title 13 and 26
 - Protects business privacy



Census Economic Data

- Monthly and Quarterly Data
 - Leading Economic Indicators, like the M3 and Monthly Retail Sales
- Annual Data
 - Annual Survey of Manufactures
 - County Business Patterns
- The Economic Census and Related Programs





Economic Programs - How are They Different?

	Monthly/Quarterly	Annual	Every 5 Years
	example: M3	example: County Business Patterns	Economic Census
collection	Sample survey	Administrative data	Census
industries	Selected example: NAICS 3121 – Beverage Manufacturing	2- thru 6-digit NAICS example: NAICS 312120 – Breweries	2- thru 6-digit NAICS example: NAICS 312120 — Breweries
geographies	US Only*	US, State, Metro Area, County, ZIP Code	All* Geographies
data variables	Shipments, Inventories, & Orders	Number of businesses, employment, payroll	200+

"Employment" Economic Data

- Collected from households vs businesses
 - ACS Households for Primary Job
 - Detailed data by Occupation
 - Limited data by Industry
 - Data primarily published by residence
 - Economic Programs Businesses for All Jobs
 - No data by Occupation
 - Detailed data by Industry
 - Data only published by business location
- BLS data similar to Economic Programs, but...

Other Current Economic Surveys

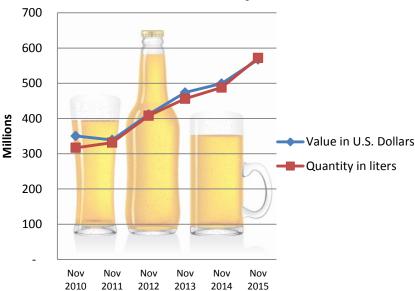
- Retail e-Commerce Sales (E-Stats)
 (census.gov/econ/estats/index.html)
- Annual Capital Expenditures Survey
 (census.gov/econ/aces/index.html)
- Statistics of U.S. Businesses (census.gov/econ/susb/index.html)
- Business Dynamics Statistics (census.gov/ces/dataproducts/bds/index.html)
- International Trade (census.gov/foreign-trade/)
- Census of Governments (census.gov/govs/)

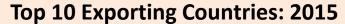
International Trade

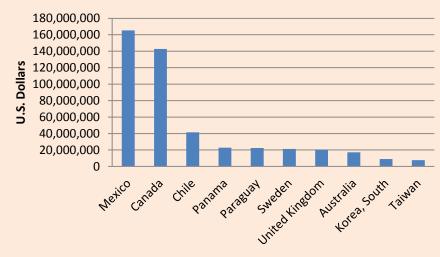
Main purposes

- Provide economic statistics about U.S. exports and imports at the national, state, and port levels
- Data also published by Commodity Classification
- Also responsible for issuing export regulations from the U.S.
- Monthly and annual data
- See <u>census.gov/foreign-trade/data/index.html</u>

U.S. Beer Exports







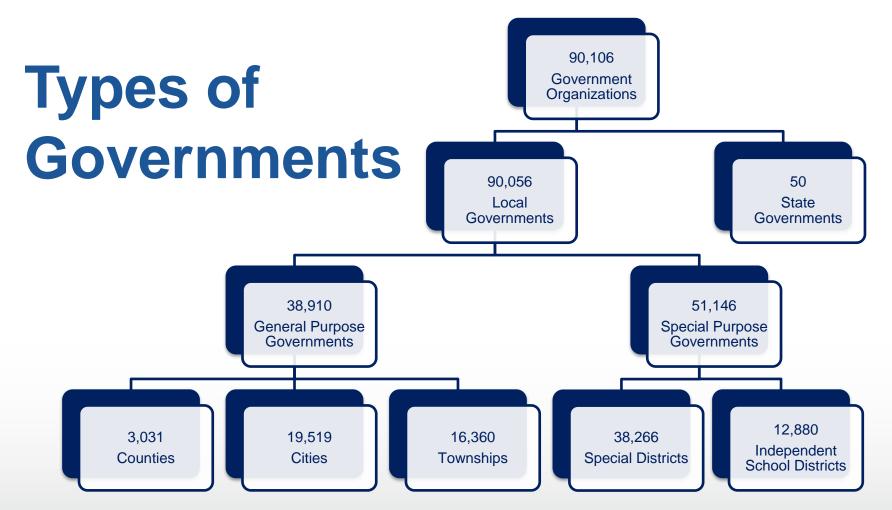
Statistics About Governments

- Main purposes
 - Provide economic statistics about governments at the federal, state, and local area levels
 - Serve as public-sector counterpart to private sector
 - Track activity of governments over time
- Response is voluntary
- Virtually no confidentiality restriction

Core Programs Content

- Organization and Structure Governments by type
- Government Employment Full-time employees, Fulltime gross payroll, Part-time employees, Part-time gross payroll, Computed FTE
- Government Finances Revenue by type, Expenditure by character object & function, Debt term, Cash and Securities by type of holding

See http://www.census.gov/govs/index.html for more information

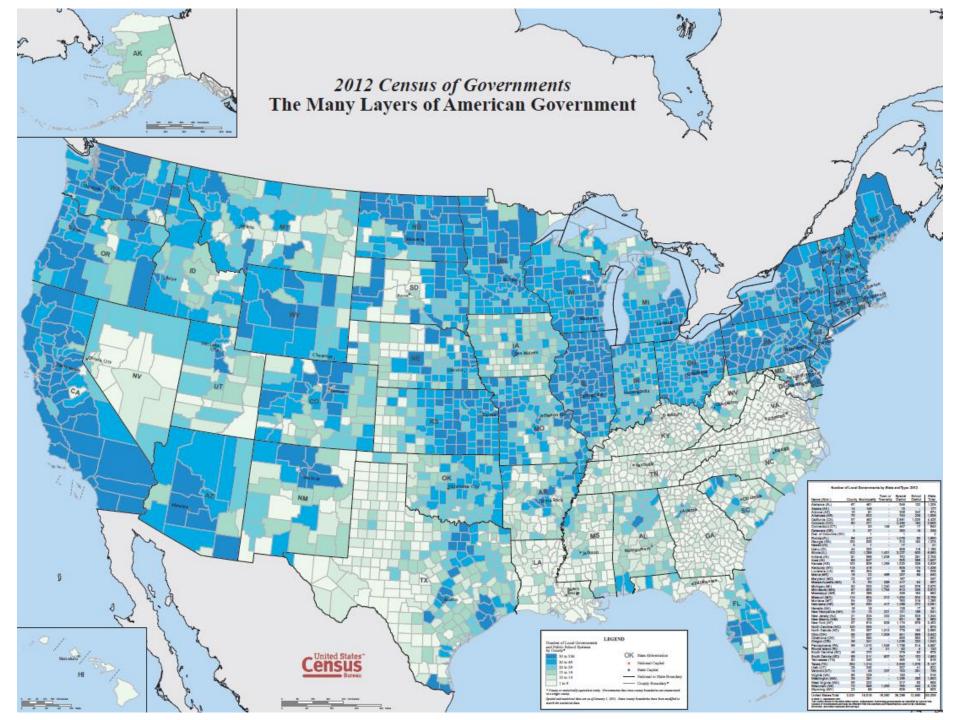


Source: U.S. Census Bureau, 2012 Census of Governments: Organization

In Montana: 1,265 total

(54 County, 129 Municipal, 763 Special Districts, and 319 Independent School Districts)





Sources of Tax Revenue

Percent Distribution of State Government Tax Revenue

	Percent Distribution of State Government Tax Revenue										
	Total %	Sales Total	General Sales	Selective Sales	License Taxes Total	Income Taxes Total	Individual Income	Corporation Income	All Other Taxes Total	Property Taxes	Other Taxes
U.S. Average	100	47.5	31.3	16.2	5.9	41.2	35.9	5.3	5.3	1.6	3.7
Alaska	100	7.6	X	7.6	4.2	12.1	X	12.1	76.2	3.8	72.4
Delaware	100	15.1	Х	15.1	41.0	41.5	32.8	8.8	2.4	X	2.4
Florida	100	82.1	60.7	21.4	6.0	5.8	Χ	5.8	6.1	<.01	6.1
Maryland	100	42.4	22.2	20.2	4.5	46.3	41.1	5.2	6.8	3.8	3.0
Montana	100	20.7	X	20.7	11.8	45.7	40.0	5.7	21.8	10.1	11.6

Source: U.S. Census Bureau, 2014 Survey of State Government Tax Collections

2012 EC & Related

Economic Census

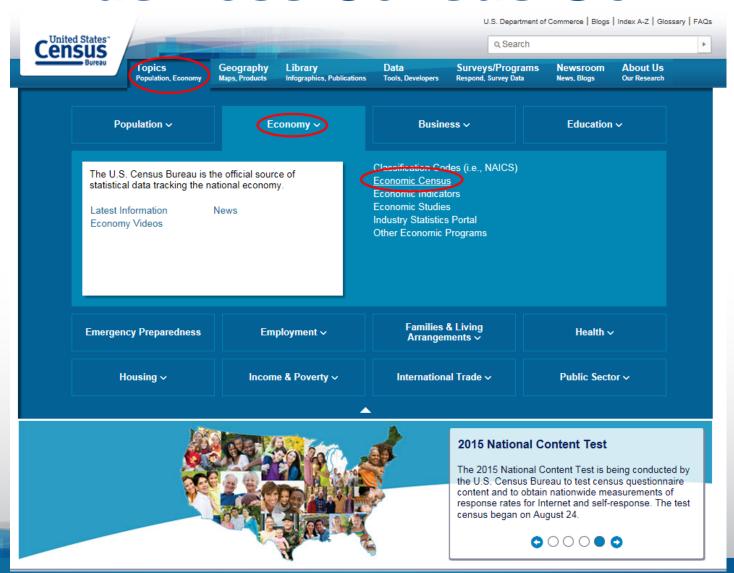
- Done on the years ending in "2" and "7" (2012 EC dissemination kickoff: March 2014)
- Covers employer businesses in the U.S.
- Covers businesses in all NAICS sectors except:
 - Agriculture
 - Public Sector
 - Other selected exclusions (see
 census.gov/econ/census/help/naics other classification systems/codes not co



The Economic Census Offers...

- Over 200 unique industry statistics
- National-, state-, metro-, county-, place-, and ZIP Code-level data (varies by sector)
- Industry detail: 2- thru 6-digit NAICS codes
- Additional cross-tabs, including:
 - Business employment and sales size
 - Taxable and tax exempt business
- Very accurate

Business.Census.Gov



Main Page



Advance Report

- National-level data at 2- and 3-digit NAICS
- Released on March 26th, 2014

FOR IMMEDIATE RELEASE: WEDNESDAY, MARCH 26, 2014

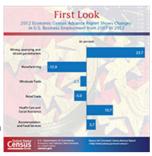
Mining, Quarrying, Oil and Gas Extraction Booming, According to First Results from the Census Bureau's 2012 Economic Census

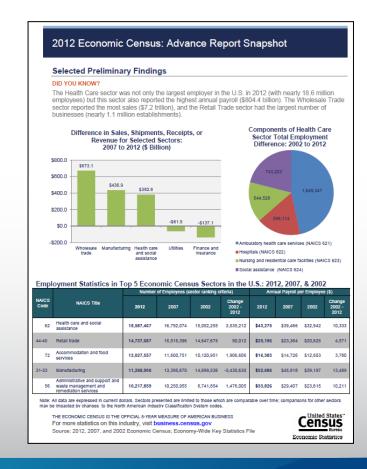
From Utilities to Health Care to Manufacturing, Census Bureau Statistics Provide Look at U.S. Economy Since Recession

The mining, quarrying, and oil and gas extraction sector of the economy showed tremendous growth from 2007 to 2012 as the number of establishments rose by 26.4 percent, according to the 2012 Economic Census Advance Report released today by the U.S. Census Bureau.

These results provide the first comprehensive look at the U.S. economy since the 2007 recession. The economic census is the most authoritative and comprehensive source of information about U.S. businesses from the national to the local level. It provides the foundation and benchmark for gross domestic product, monthly retail sales, as well as other indicators of economic performance.

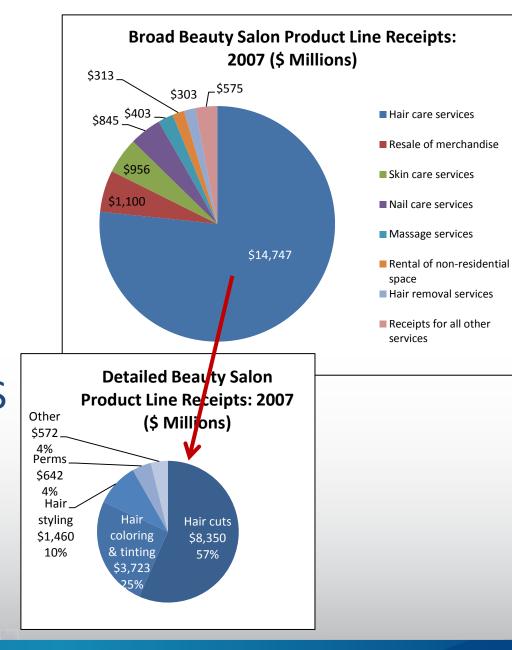
"The economic census is one of the Commerce Department's most valuable data resources," U.S. Secretary of Commerce Penny Pritzker said. "By providing a close-up look at millions of U.S. companies in thousands of industries, the economic census is an important tool that informs policy at the local, state and national level, and helps businesses make critical decisions that drive economic growth and job creation. At the Department of Commerce, one of the top priorities of our 'Open for Business Agenda' is to make our data easier to access and understand so that it can continue enabling startups, moving markets, protecting life and property, and powering both small and large businesses across the country."





Industry Series

- Started in May 2014
 National-level data
 only, but...
- More detailed NAICS
- Products data



Industry Changes for 2012

- New and emerging industries
 - Breakout of solar, wind, geothermal, and biomass electric power generation from All Other Electric Power Generation (NAICS 221119)
- Consolidations due to decrease in number of companies due to:
 - General industry decline
 - Company consolidation (mergers and acquisitions)
 - Primarily impacts the manufacturing sector (178 industries)

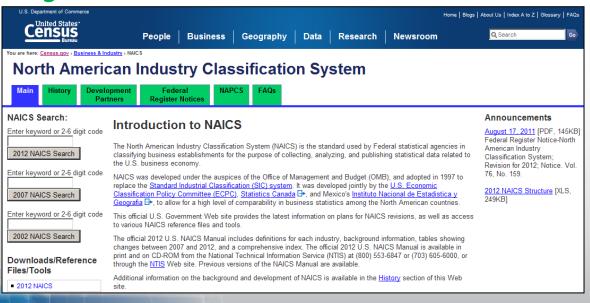
Other Industry Changes

- Changes to (and consolidation of) existing industries due to market change
- Primarily impact the Retail and A&F sectors

2007 NAICS	2012 NAICS	NAICS Industry Title
	443142	Electronics Stores
443112		Radio, Television, and Other Electronics Stores
443120		Computer and Software Stores
443130		Camera and Photographic Supplies Stores
451220		Prerecorded Tape, Compact Disc, and Record Stores

Where Can I Go for More Information?

- NAICS web site (http://www.census.gov/eos/www/naics/)
 - Industry definitions and Concordance tables
 - Relationships to other systems
 - Federal Register Notices



Geographic Area Series

- National-, state- county-, metro area-, and economic place-level data
- Full NAICS detail
- LOTS of Changes...



New Places

- 2007 EC cutoff: 5,000+ pop or jobs
- 2012 EC cutoff: 2,500+ pop or jobs
- Results in over5,000 new placespublished for2012
- 23 added for MT (now 96)

Census Eugeneeu Census

Economic Place Changes from 2007 to 2012 for: Montana

Summary Information:

No. Places in 2007:	73
No. Places Added for 2012:	23
No. Places Dropped for 2012:	0
No. Places in 2012:	96

Added Places

COUNTY Code	TITLE	PLACE Code	TITLE
001	Beaverhead County	20800	Dillon city
003	Big Horn County	34225	Hardin city
013	Cascade County	47275	Malmstrom AFB CDP
021	Dawson County	31450	Glendive city
		05875	Bigfork CDP
029	Flathead County	41950	Lakeside CDP
		16600	Columbia Falls city
031	Gallatin County	28862	Four Corners CDP
035	Glacier County	18775	Cut Bank city
043	Jefferson County	51175	Montana City CDP
047	Lake County	58750	Polson city
049	Lewis and Clark	35628	Helena Valley Northeast CDP
049	County	35631	Helena Valley Northwest CDP
053	Powell County	43450	Libby city
063	Missoula County	44650	Lolo CDP
073	Pondera County	17275	Conrad city
077	Powell County	19825	Deer Lodge city
081	Ravalli County	33775	Hamilton city
083	Richland County	67900	Sidney city
085	Roosevelt County	81475	Wolf Point city
101	Toole County	67450	Shelby city
105	Valley County	31075	Glasgow city
111	Yellowstone County	44200	Lockwood CDP

Place Changes

- Adds / Drops
- Boundary Changes
- New Incorporations / Unincorporations

2012 Economic Census - GeoNotes File for Montana

(List of all newly-recognized places for the 2012 Economic Census and all places with any change from the 2007 Economic Census)

	onomic Place Long (LSAD) Name	ECPLACE	COLINITAL						
	onomic Place Long (LSAD) Name		COUNTY	COUNTY/ Name	Farmeric Directions (LOAD) Norma	ECPLACE	COUNTY	Description of Change (2007 to 2012)	Change Date
Belo		Code	code	COUNTY Name	Economic Place Long (LSAD) Name	Code	code		
Dong	rade city	04975	031	Gallatin	Belgrade city	04975	031	Area gain	01/01/2010
Bigfo	ork CDP	05875	029	Flathead	Balance of Flathead County	98029	029	New qualifying place	01/01/2012
Billin	ngs city	06550	111	Yellowstone	Billings city	06550	111	Area gain	01/01/2010
Boze	eman city	08950	031	Gallatin	Bozeman city	08950	031	Area gain	01/01/2010
Colu	mbia Falls city	16600	029	Flathead	Balance of Flathead County	98029	029	New qualifying place	01/01/2012
Conr	rad city	17275	073	Pondera	Balance of Pondera County	98073	073	New qualifying place	01/01/2012
Cut F	Bank city	18775	035	Glacier	Balance of Glacier County	98035	035	New qualifying place	01/01/2012
Deer	r Lodge city	19825	077	Powell	Balance of Powell County	98077	077	New qualifying place	01/01/2012
Dillo	n city	20800	001	Beaverhead	Balance of Beaverhead County	98001	001	New qualifying place	01/01/2012
Ever	rgreen CDP	25075	029	Flathead	Evergreen CDP	25075	029	Area gain	01/01/2010
Four	Corners CDP	28862	031	Gallatin	Balance of Gallatin County	98031	031	New qualifying place	01/01/2012
Glas	gow city	31075	105	Valley	Balance of Valley County	98105	105	New qualifying place	01/01/2012
Glen	idive city	31450	021	Dawson	Balance of Dawson County	98021	021	New qualifying place	01/01/2012
Grea	at Falls city	32800	013	Cascade	Great Falls city	32800	013	Area gain	01/01/2010
Ham	nilton city	33775	081	Ravalli	Balance of Ravalli County	98081	081	New qualifying place	01/01/2012
Hard	din city	34225	003	Big Hom	Balance of Big Horn County	98003	003	New qualifying place	01/01/2012
Havr	re city	35050	041	Hill	Havre city	35050	041	Area gain/Area loss	01/01/2010
Hele	ena city	35600	049	Lewis and Clark	Helena city	35600	049	Area gain	01/01/2010
Hele	na Valley Northeast CDP	35628	049	Lewis and Clark	Balance of Lewis and Clark County	98049	049	New qualifying place	01/01/2012
Hele	na Valley Northwest CDP	35631	049	Lewis and Clark	Balance of Lewis and Clark County	98049	049	New qualifying place	01/01/2012
Hele	na Valley Southeast CDP	35634	049	Lewis and Clark	Helena Valley Southeast CDP	35634	049	Area loss	01/01/2010
Hele	na Valley West Central CDP	35637	049	Lewis and Clark	Helena Valley West Central CDP	35637	049	Area loss	01/01/2010
Kalis	spell city	40075	029	Flathead	Kalispell city	40075	029	Area gain	01/01/2010
Lake	eside CDP	41950	029	Flathead	Balance of Flathead County	98029	029	New qualifying place	01/01/2012
Laur	rel city	42700	111	Yellowstone	Laurel city	42700	111	Area gain	01/01/2010
Libby	y city	43450	053	Lincoln	Balance of Lincoln County	98053	053	New qualifying place	01/01/2012
Livin	gston city	43975	067	Park	Livingston city	43975	067	Area gain	01/01/2010
Lock	wood CDP	44200	111	Yellowstone	Balance of Yellowstone County	98111	111	New qualifying place	01/01/2012
Lolo	CDP	44650	063	Missoula	Balance of Missoula County	98063	063	New qualifying place	01/01/2012
Maln	mstrom AFB CDP	47275	013	Cascade	Balance of Cascade County	98013	013	New qualifying place	01/01/2012
Miss	soula city	50200	063	Missoula	Missoula city	50200	063	Area gain	01/01/2010
Mont	tana City CDP	51175	043	Jefferson	Balance of Jefferson County	98043	043	New qualifying place	01/01/2012
Pols	on city	58750	047	Lake	Balance of Lake County	98047	047	New qualifying place	01/01/2012
Shel	by city	67450	101	Toole	Balance of Toole County	98101	101	New qualifying place	01/01/2012
Sidn	ey city	67900	083	Richland	Balance of Richland County	98083	083	New qualifying place	01/01/2012
Whit	tefish city	79825	029	Flathead	Whitefish city	79825	029	Area gain	01/01/2010
Wolf	Point city	81475	085	Roosevelt	Balance of Roosevelt County	98085	085	New qualifying place	01/01/2012

Metro Changes

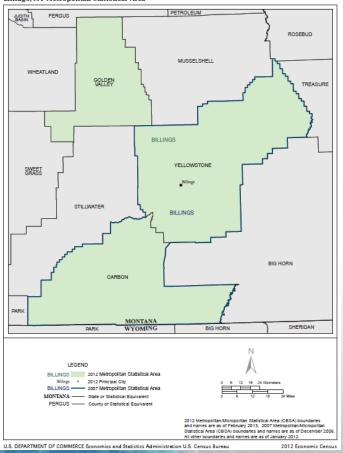
- New CSAs
- Changed CSAs
- Changed Metro and Micro Areas
- Unchanged Metros

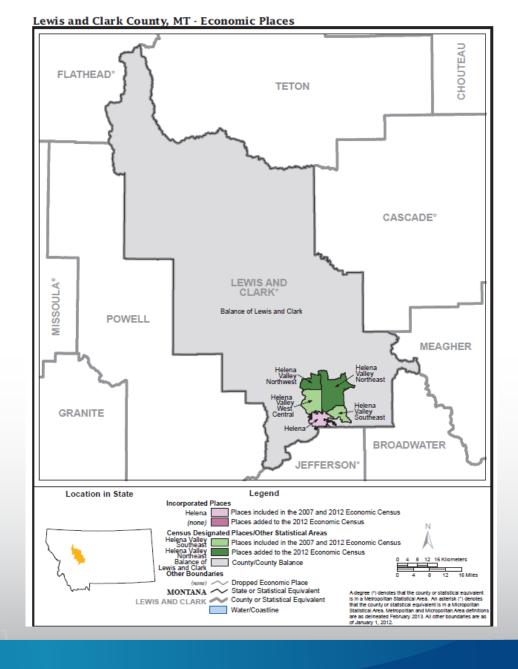
2012 vs. 2007 Montana Metro Areas and Their County Components

2012 V3. 2007 Montana M	icilo Arcas and Their County Componen	LO .				
TITLE	Notes	CSA code	MSA code	MD code	ST	COUNTY
Combine	ed Statistical Areas and Their Component Metro and Micro Areas					
None						
Metro and Micro A	Areas (that are not part of a Combined Statistical Areas) and The	ir Component	Countie	25		
Billings, MT Metro Area	2007 Metropolitan Statistical Area, with a non-metro c added	ounty 999	13740	99999	30	
Carbon County		999	13740	99999	30	009
Golden Valley County	Non-metro in 2007	999	13740	99999	30	037
Yellowstone County		999	13740	99999	30	111
Bozeman, MT Micro Area	No changes for 2012 to 2007 Micro Area	999	14580	99999	30	
Gallatin County		999	14580	99999	30	031
Butte-Silver Bow, MT Micro Area	No changes for 2012 to 2007 Micro Area	999	15580	99999	30	
Silver Bow County		999	15580	99999	30	093
Great Falls, MT Metro Area	No changes for 2012 to 2007 Metro Area	999	24500	99999	30	
Cascade County		999	24500	99999	30	013
Helena, MT Micro Area	No changes for 2012 to 2007 Micro Area	999	25740	99999	30	
Jefferson County		999	25740	99999	30	043
Lewis and Clark County		999	25740	99999	30	049
Kalispell, MT Micro Area	No changes for 2012 to 2007 Micro Area	999	28060	99999	30	
Flathead County		999	28060	99999	30	029
Missoula, MT Metro Area	No changes for 2012 to 2007 Metro Area	999	33540	99999	30	
Missoula County		999	33540	99999	30	063

Reference Maps







More Sectors

2012 Economic Census Geographic Coverage

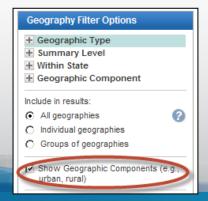
Economic Census Sector	States	Metro Areas	Coun- ties	Places	ZIPs
21: Mining	Х				
22: Utilities	Х	X	X	X	
23: Construction	X				
31-33: Manufacturing	X	X	Х	X	
42: Wholesale Trade	Х	X	Х	X	
44-45: Retail Trade	X	Х	Х	X	Х
48-49: Transportation and Warehousing	Х	Х	Х	X	
51: Information	Х	X	Х	X	
52: Finance and Insurance	Х	Х	Х	Х	
53: Real Estate and Rental and Leasing	Х	X	Х	X	
54: Professional, Scientific, and Technical Services	Х	Х	Х	X	Х
55: Management of Companies and Enterprise	Х				
56: Admin. and Support and Waste Management and Remediation Services	Х	Х	Х	X	Х
61: Educational Services	X	Х	Х	X	Х
62: Health Care and Social Assistance	Х	Х	Х	Х	Х
71: Arts, Entertainment and Recreation	X	Х	Х	X	Х
72: Accommodation and Food Services	Х	Х	Х	X	Х
81: Other Services (Except Public Administration)	X	Х	Х	X	Х

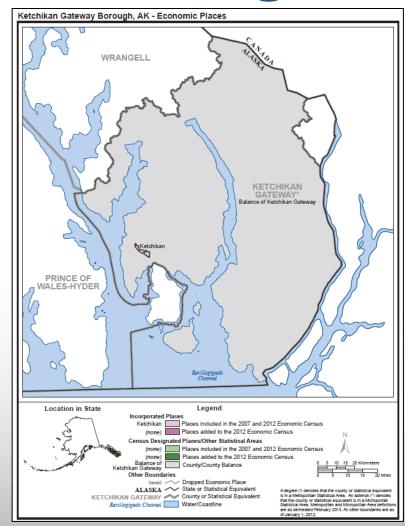
X - New for 2012



Other Geographic Changes

- No pub cutoffs
- 6 New Counties in AK
- Planning Areas in PR
- Geographic Components
 - Offshore Areas
 - "Statewide" Areas
 - Non-Metro Areas

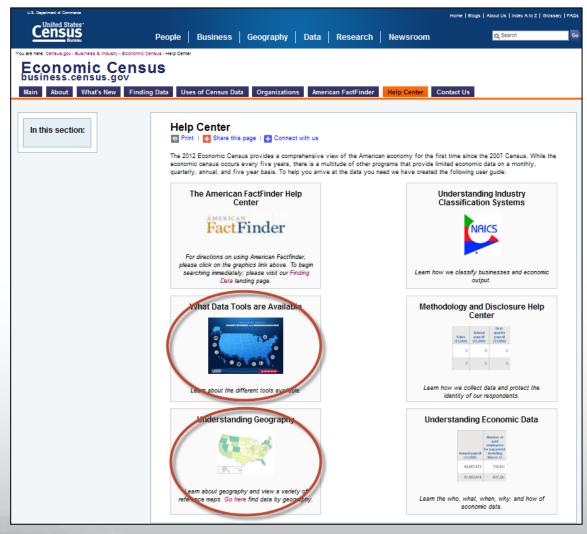




2012 EC Geo Reference info



Help Center Page



Other 2012 EC Pubs

- Subjects and Summary Series
 - Summary Reports
 - Product Lines
 - Estab & Firm Size
 - Miscellaneous Subjects
- ZIP Code Statistics



Census-Related Programs

- Commodity Flow Survey (CFS) Selected national- and finer-level data on the movement of products across the U.S. by mode of transportation (plus other breakouts). (http://www.census.gov/econ/cfs/)
- Economic Census of Island Areas Selected industry, product, and other data for American Samoa, Guam, the Northern Mariana Islands, Puerto Rico, and the U.S. Virgin Islands. (http://www.census.gov/econ/islandareas/)
- Survey of Business Owners (SBO) Selected national- and finer-level industry data for women- and minority-owned businesses and the characteristics of all businesses and their owners. (http://www.census.gov/econ/sbo/)

Key Data Tools

American FactFinder (AFF)

- Contains data
 from the
 Economic
 Census,
 Economic
 Census of Island
 Areas, SBO, CFS,
 and Census of
 Governments
- Also data from CBP, NS, ASM

www.factfinder.census.gov



Economic Indicators Briefing Room

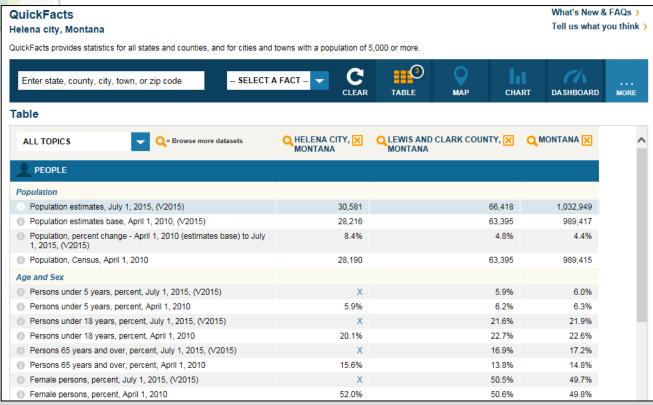
U.S. Census Bureau Economic Indicators www.census.gov/economic-indicators/index.php Advance International Trade: Goods March 2016 Report Released 8:30 AM EDT, 4/27/16 -10.3%You are here: Census.gov > U.S. Census Bureau Economic Indicators **Economic Indicators** Advance Report Durable Goods \$230.7 B March 2016 Report New Orders Briefing Room | Economic Indicator Calendar | Mobile App | Census Bureau Economic Programs Released 8:30 AM EDT. 4/26/16 0.8% Select an indicator New Residential Sales 511.000 View all * change not statistically significant Contains data significance not reported / applicable Archived Rele Advance U.S. International Trade in Goods 2015 -The advance international trade deficit in goods was \$56.9 billion in Historic Time Series March 2016. Advance exports of goods were \$116.7 billion and 2013 - present May 25, 2016 S billion S hillion advance imports of goods were \$173.6 billion. Time Series/Trend Charts from the Current Press Release -**Advance Report on Durable Goods** Archived Releases Released: March 2016 February 2016 (r) April 26, 2016 **Economic** Manufacturers' Shipments, Inventories, and 0.8° -3.1° Historic Time Series -Next Release: 1992 - present (NAICS) May 26, 2016 % change % change New orders for manufactured durable goods in March increased \$1.8 1958 - 2001 (SIC) billion or 0.8 percent to \$230.7 billion **Indicators New Residential Sales** Archived Releases -Released: March 2016 February 2016 (r) 蛐 1995 - present April 25, 2016 only Sales of new single-family houses in March 2016 were at a seasonally -0.4* adjusted annual rate of 511,000. This is 1.5 percent (+/- 15.0%) Source: U.S. International Trade in Goods and Services change the revised February 2016 estimate of 519,000. Balance of Payment Goods and Services: United States Current Press Release -Jan-1992 to Dec-2016 X Seasonally Adjusted Balance -18,000 -36,000 -54,000 eger regis ser r



QuickFacts

www.census.gov/quickfacts/table/PST045215/36,36001, 3601000

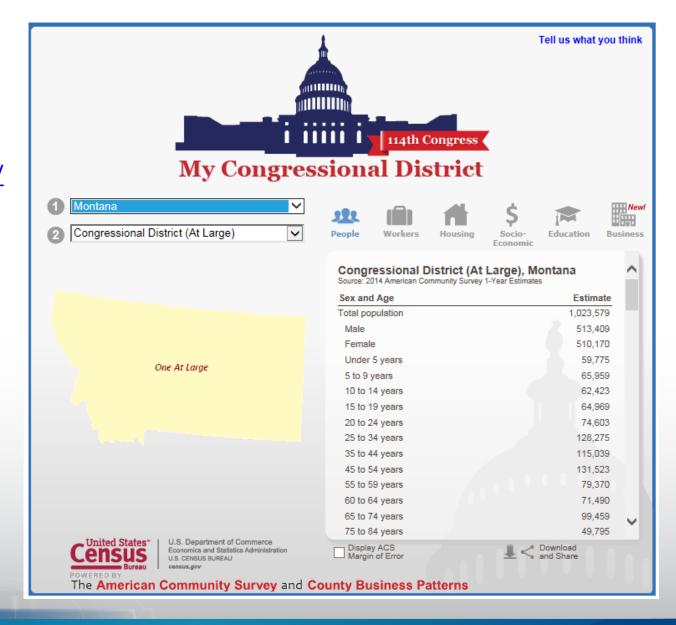
- Contains data from the Economic Census and SBO
- Also data from CBP and NS



My CD

www.census.gov/mycd/

Contains data from CBP only



ISP and Snapshots

http://www.census.gov/econ/isp/

http://www.census.gov/econ/snap
shots/index.php

You are here: Census.gov > Business & Industry> ISP

Feedback



SELECT AN INDUSTRY

- · 21 Mining, quarrying, and oil and gas extraction
- · 22 Utilities
- 23 Construction
- 31-33 Manufacturing
- 42 Wholesale trade
- 44-45 Retail trade
- 48-49 Transportation and warehousing
- · 51 Information
- 52 Finance and insurance
- 53 Real estate and rental and leasing
- 54 Professional, scientific, and technical services
- 55 Management of companies and enterprises
- 56 Administrative and support and waste management and remediation services
- 61 Educational services
- 62 Health care and social assistance
- 71 Arts, entertainment, and recreation
- 72 Accommodation and food services
- 81 Other services (except public administration)

2012 NAICS SEARCH Enter a NAICS code or Title

This application provides access to the Census Bureau programs that provide economic data for a user-selected industry. To choose the industry you are interested in:

- Enter the 2012 North American Industry Classification System (NAICS) code or keyword into the NAICS SEARCH box above, or
- . Choose the industry from the SELECT AN INDUSTRY menu to the left.

For an overview of the information presented in the ISP, see <u>ISP Preview</u>.

For tips on how to use the ISP, see <u>ISP Tips and Tricks</u>



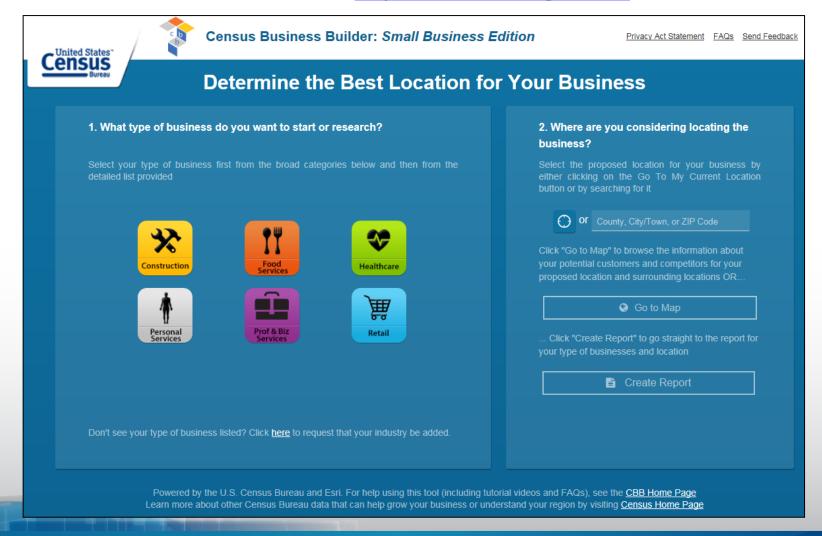
ISP Content and Features

- Provides access to data from:
 - All Census Economic Programs
- Allows you to:
 - Browse all Census programs
 - Deep Link to data in AFF
 - View Industry Definitions/Comparability
 - Access Snapshots



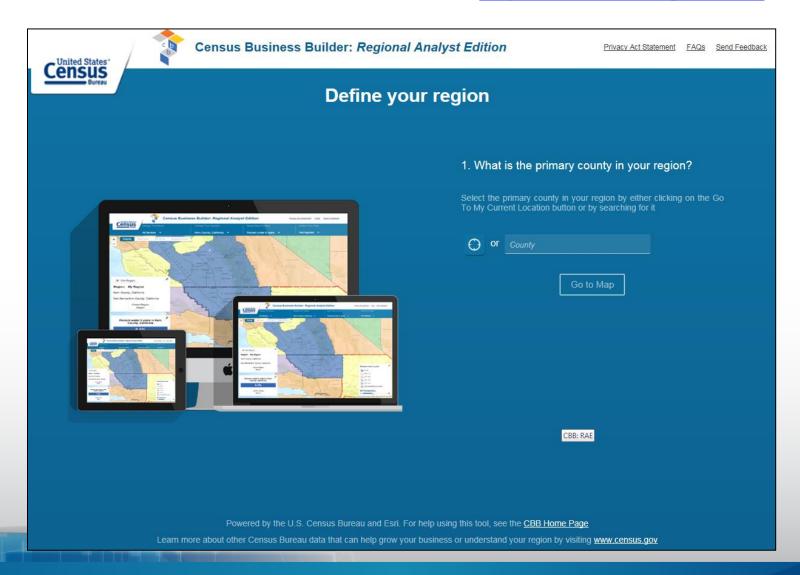
CBB: SBE

https://cbb.census.gov/sbe/



CBB: RAE

https://cbb.census.gov/rae/#



Summary

- Census economic data can help you and your customers understand the Montana economy
- The 2012 Economic Census provides a wealth of data for you and your users
- business.census.gov site has a lot of useful materials for you and your users
- Various tools to access the data

Questions



Thank You

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